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	DB = USL	PT; PLUR=YES; OP=OR	
	L8	2000	15
	L7	callus and L6	38
	L6	agro\$ and L5	59
	L5	(transform\$ or transgen?) and 13	72
	L4	flax or linseed	15241
	L3	usitatissimum and L2	572
	L2	linum	1482
	L1	5480789.pn.	1

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 5750870 A

L9: Entry 1 of 1

File: USPT

May 12, 1998

US-PAT-NO: 5750870

DOCUMENT-IDENTIFIER: US 5750870 A

** See image for Certificate of Correction **

TITLE: Plant genetic transformation methods and transgenic plants

DATE-ISSUED: May 12, 1998

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Mathews; Helena V.

Portland

OR

Bestwick; Richard Keith

Portland

OR OR

Ferro; Adolph J.

Lake Oswego

US-CL-CURRENT: 800/283; 435/252.3, 435/419, 435/69.1, 800/279, 800/284, 800/294, 800/298, 800/301

Full	Title (Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Drawe Di
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	Term	S					Docum	ients				
	5750	870.pn.									<u> </u>	

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Search Results - Record(s) 1 through 10 of 15 returned.

☐ 1. Document ID: US 5981837 A

L8: Entry 1 of 15

File: USPT

Nov 9, 1999

US-PAT-NO: 5981837

DOCUMENT-IDENTIFIER: US 5981837 A

TITLE: Method for regulation of plant lignin composition

DATE-ISSUED: November 9, 1999

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Chapple; Clint

West Lafayette

IN

US-CL-CURRENT: 800/278; 435/410, 435/468, 435/469, 536/23.6

Full | Title | Citation | Front | Review | Classification | Date | Reference | Silvation | Silvation | Silvation | Claims | KWIC | Draw, Do

☐ 2. Document ID: US 5973227 A

L8: Entry 2 of 15

File: USPT

Oct 26, 1999

US-PAT-NO: 5973227

DOCUMENT-IDENTIFIER: US 5973227 A

TITLE: Flax transformation

DATE-ISSUED: October 26, 1999

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

McHughen; Alan

Corman Park

CA

Wijayanto; Teguh

Saskatoon

 ca

US-CL-CURRENT: 800/293; 435/419, 435/430.1, 435/431, 435/470, 800/298

Full Title Citation Front Review Classification Date Reference

Record List Display Page 2 of 5

☐ 3. Document ID: US 5959179 A

L8: Entry 3 of 15 File: USPT Sep 28, 1999

US-PAT-NO: 5959179

DOCUMENT-IDENTIFIER: US 5959179 A

TITLE: Method for transforming soybeans

DATE-ISSUED: September 28, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Wildwood Hinchee; Maud Ann Wrightson MO Clemente; Thomas Elmo Chesterfield MO Connor-Ward; Dannette Vaudrilyn St. Charles MO Fedele; Mary Jacqueline Ballwin MO St. Louis Fry; Joyce Ellen MO Howe; Arlene R. Ballwin MO Rozman; Renee Jean Lusby MD

US-CL-CURRENT: 800/298; 435/419, 435/468, 800/278

Full	Title Citation	Front	Review	Classification	Date	Reference		Claims	KWIC	Draw, De
				***************************************				 ***************************************		***************************************
_										
Ш	4. Docum	ent ID:	US 59:	58745 A						
L8: E	ntry 4 of	15			F	ile: US	PT	Sep	28,	1999

US-PAT-NO: 5958745

DOCUMENT-IDENTIFIER: US 5958745 A

TITLE: Methods of optimizing substrate pools and biosynthesis of poly-.beta.-hydroxybutyrate-co-poly-.beta.-hydroxyvalerate in bacteria and plants

DATE-ISSUED: September 28, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gruys; Kenneth James	Chesterfield	MO		
Mitsky; Timothy Albert	Maryland Heights	MO		
Kishore; Ganesh Murthy	Chesterfield	MO		
Slater; Steven Charles	Chesterfield	MO		
Padgette; Stephen Rogers	Grover	MO		
Stark; David Martin	Chesterfield	MO		

US-CL-CURRENT: 435/183; 424/139.1, 435/69.1, 530/350

Full Title Citation	Front	Review	Classification	Date	Reference	Claims	KWMC Draww De

☐ 5. Document ID: US 5955650 A

L8: Entry 5 of 15

File: USPT

Sep 21, 1999

US-PAT-NO: 5955650

DOCUMENT-IDENTIFIER: US 5955650 A

TITLE: Nucleotide sequences of canola and soybean palmitoyl-ACP thioesterase genes and their use in the regulation of fatty acid content of the oils of soybean and

canola plants

DATE-ISSUED: September 21, 1999

INVENTOR-INFORMATION:

NAME

CITY

STATE ZIP CODE

COUNTRY

Hitz; William Dean

Wilmington

DE

US-CL-CURRENT: 800/281; 435/320.1, 435/412, 435/415, 435/416, 435/419, 435/468, 435/469, 435/470, 536/23.2, 536/23.6

Full Title Citation Front Review Classification	n Date Reference	Claims KWC Draw De

☐ 6. Document ID: US 5952544 A		
L8: Entry 6 of 15	File: USPT	Sep 14, 1999

US-PAT-NO: 5952544

DOCUMENT-IDENTIFIER: US 5952544 A

** See image for Certificate of Correction **

TITLE: Fatty acid desaturase genes from plants

DATE-ISSUED: September 14, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Browse; John	Palouse	WA		
Grau; Luis Perez	Davis	CA		
Kinney; Anthony J.	Wilmington	DE		
Pierce, Jr.; John W.	Wilmington	DE		
Wierzbicki; Anna M.	Wilmington	DE		
Yadav; Narendra S.	Chadds Ford	PA		

US-CL-CURRENT: 800/295; 435/320.1, 435/419, 435/468, 435/69.1, 536/23.6, 800/281

Full Title Citation Front Review Cl	assification Date Reference		Claims KWC Draw. De
	······································		
☐ 7. Document ID: US 5948	682 A		
L8: Entry 7 of 15	File: V	JSPT	Sep 7, 1999

http://westbrs:9000/bin/gate.exe?f=TOC&state=uchvms.12&ref=8&dbname=USPT&ESNAM... 5/6/04

Record List Display Page 4 of 5

US-PAT-NO: 5948682

DOCUMENT-IDENTIFIER: US 5948682 A

TITLE: Preparation of heterologous proteins on oil bodies

DATE-ISSUED: September 7, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Moloney; Maurice M. Calgary CA

US-CL-CURRENT: 435/483; 435/183, 435/214, 435/219, 435/254.2, 435/254.21, 435/320.1, 435/477, 435/69.1, 435/69.2, 435/69.4, 435/69.52, 435/69.6, 435/69.7, <u>435/69.8</u>, <u>435/70.1</u>, <u>435/71.1</u>, <u>536/23.2</u>, <u>536/23.4</u>, <u>536/23.52</u>, <u>536/23.6</u>, <u>536/24.1</u>

Full Title Citation Front Review Clas	sification Date Reference	Claims KWC Draw De
☐ 8. Document ID: US 59426	60 A	
L8: Entry 8 of 15	File: USPT	Aug 24, 1999

US-PAT-NO: 5942660

DOCUMENT-IDENTIFIER: US 5942660 A

TITLE: Methods of optimizing substrate pools and biosynthesis of poly-.beta.-

hydroxybutyrate-co-poly-.beta.-hydroxyvalerate in bacteria and plants

DATE-ISSUED: August 24, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Gruys; Kenneth James Chesterfield MO Mitsky; Timothy Albert Maryland Heights MO Kishore; Ganesh Murthy Chesterfield MO Slater; Steven Charles Chesterfield MO Padgette; Stephen Rogers Grover MO Stark; David Martin Chesterfield MO

US-CL-CURRENT: 800/298; 435/268, 435/419, 536/23.2, 536/23.7, 800/281

Full Title Citation Front Review Classific	cation Date Reference	Claims KMC Draw De
☐ 9. Document ID: US 5882851	A	·
L8: Entry 9 of 15	File: USPT	Mar 16, 1999

US-PAT-NO: 5882851

DOCUMENT-IDENTIFIER: US 5882851 A

TITLE: Cytochrome P-450 monooxygenases

DATE-ISSUED: March 16, 1999

INVENTOR-INFORMATION:

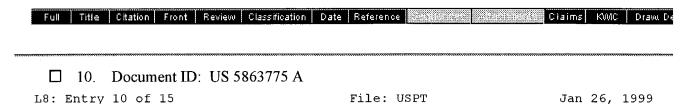
NAME CITY STATE ZIP CODE COUNTRY

Koch; Birgit Maria Vanl.o slashed.se DK
Sibbesen; Ole Roskilde DK
Halkier; Barbara Ann Copenhagen V DK

Lindberg M.o slashed.ller; Br.o slashed.nsh.o

Birger slashed.j

US-CL-CURRENT: 435/4; 435/25, 435/7.1, 536/22.1



US-PAT-NO: 5863775

DOCUMENT-IDENTIFIER: US 5863775 A

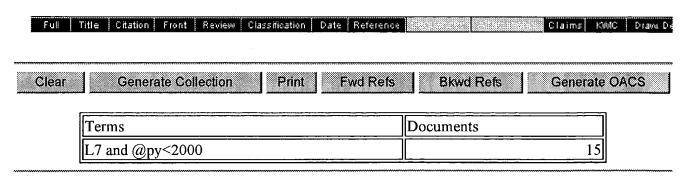
TITLE: Control of parasites

DATE-ISSUED: January 26, 1999

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Atkinson; Howard John Leeds GB3 Koritsas; Vas Michael Leeds GB3 Lee; Donald Lewis Leeds GB3 MacGregor; Andrew Neilson GB3 Canterbury Smith; Judith Elizabeth Leeds GB3

US-CL-CURRENT: 424/94.1; 435/410, 435/412, 435/468, 435/69.1, 435/69.2, 514/2



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L8: Entry 2 of 15

File: USPT

Oct 26, 1999

US-PAT-NO: 5973227

DOCUMENT-IDENTIFIER: US 5973227 A

TITLE: Flax transformation

DATE-ISSUED: October 26, 1999

INVENTOR-INFORMATION:

NAME CITY

Corman Park

STATE ZIP CODE

COUNTRY

McHughen; Alan Wijayanto; Teguh

Saskatoon

CA CA

US-CL-CURRENT: 800/293; 435/419, 435/430.1, 435/431, 435/470, 800/298

CLAIMS:

What is claimed is:

1. A method for producing a transgenic flax plant, comprising:

preculturing a flax hypocotyl tissue comprising epidermal tissue on a regeneration induction medium;

bombarding the precultured flax hypocotyl tissue with a microprojectile that comprises a nucleic acid, thereby producing a <u>transformed</u> flax hypocotyl comprising <u>transformed</u> flax cells that comprise the nucleic acid; and

regenerating a transgenic flax plant from the transformed flax hypocotyl tissue.

- 2. The method of claim 1 wherein the hypocotyl is precultured for about 4 days.
- 3. The method of claim 1 further comprising bombarding the flax hypocotyl in a vacuum chamber having a chamber vacuum pressure of at least 26 inches Hg.
- 4. The method of producing a transgenic flax plant according to claim 1 wherein bombarding the hypocotyl is performed with an acceleration pressure of between 650 and 900 psi.
- 5. A method of producing a transgenic flax plant comprising:

preculturing a flax hypocotyl comprising epidermal tissue for about 4 days on a regeneration induction medium;

bombarding the precultured flax hypocotyl with a microprojectile at an acceleration pressure of

between 650 and 900 psi, wherein the microprojectile comprises a nucleic acid and the bombardment is performed in a vacuum chamber under at least 26 inches Hg chamber vacuum, thereby producing a <u>transformed</u> flax hypocotyl comprising <u>transformed</u> flax cells that comprise the nucleic acid; and

regenerating a transgenic flax plant from the transformed flax hypocotyl.

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         JAN 27 A new search aid, the Company Name Thesaurus, available in
                CA/CAplus
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                changes
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NEWS 7 MAR 03 MEDLINE file segment of TOXCENTER reloaded
NEWS 8 MAR 03 FRANCEPAT now available on STN
NEWS 9 MAR 29 Pharmaceutical Substances (PS) now available on STN
NEWS 10 MAR 29 WPIFV now available on STN
NEWS 11 MAR 29 No connect hour charges in WPIFV until May 1, 2004
NEWS 12 MAR 29 New monthly current-awareness alert (SDI) frequency in RAPRA
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                PROMT: New display field available
NEWS 14 APR 26 IFIPAT/IFIUDB/IFICDB: New super search and display field
                available
NEWS 15 APR 26 LITALERT now available on STN
NEWS 16 APR 27 NLDB: New search and display fields available
NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
             MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
             AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
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=> s linum

L1 11483 LINUM

=> s linum usitatissimum

9316 LINUM USITATISSIMUM

=> s flax or linseed

L3 47684 FLAX OR LINSEED

=> s transgen? and 12

172 TRANSGEN? AND L2

=> s transgen? and 13

393 TRANSGEN? AND L3

=> s callus and 15

45 CALLUS AND L5

=> s callus and 14

26 CALLUS AND L4

=> s callus and l1

218 CALLUS AND L1

=> s agrobacteri? and 16

30 AGROBACTERI? AND L6

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NΑ
     2003:306277 CAPLUS
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ΤI
     Antisense transgenesis of Linum usitatissimum with a pectin
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ΑU
     Lacoux, Jerome; Klein, Dominique; Domon, Jean-Marc; Burel, Carole;
     Lamblin, Frederic; Alexandre, Fabienne; Sihachakr, Darasinh; Roger, David;
     Balange, Alain-Pierre; David, Alain; Morvan, Claudine; Laine, Eric
CS
     Faculte des Sciences, Laboratoire de Biotechnologies et Physiologie
     Vegetales, Universite de Picardie Jules Verne, Amiens, 80039, Fr.
SO
     Plant Physiology and Biochemistry (Paris, France) (2003), 41(3), 241-249
     CODEN: PPBIEX; ISSN: 0981-9428
PΒ
     Editions Scientifiques et Medicales Elsevier
     Journal
DТ
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LA
RE.CNT 36
              THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT
    ANSWER 2 OF 17 CAPLUS COPYRIGHT 2004 ACS on STN
L10
     2002:977962 CAPLUS
AN
     138:36240
DN
ΤI
     Improved efficiency of regeneration of transgenic plants using
     meristematic or nodal tissue transformed with Agrobacterium
IN
     Goldman, Stephen L.; Rudrabhatla, Sairam V.
PA
     University of Toledo, USA
     PCT Int. Appl., 84 pp.
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    WO 2002102979
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PRAI US 2001-298542P
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                           20020211
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    ANSWER 3 OF 17 CAPLUS COPYRIGHT 2004 ACS on STN
     2002:220636 CAPLUS
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     136:260137
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     Fusion products of \delta-endotoxins CryET33, CryET34, tIC100 or tIC101
TI
     of Bacillus thuringiensis for improved resistance to boll weevil in cotton
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IN
     Gouzov, Victor M.; Malvar, Thomas M.; Roberts, James K.; Sivasupramaniam,
     Sakuntala
PA
    Monsanto Technology, L.L.C., USA
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PCT Int. Appl., 142 pp.

SO

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ΑN
DN
     20023059668
     Increasing the injured area on hypocotyl explants of flax (Linum
TI
     usitatissimum L.) leads to high frequency callus-based shoot
     regeneration
ΑIJ
     Yldz, M.; Er, C.
CS
     Department of Field Crops, A.U. Faculty of Agriculture, 06110 Ankara,
     Turkey.
     Turkish Journal of Biology, (2002) Vol. 26, No. 2, pp. 95-98. 11 ref.
SO
     Publisher: TUBITAK. Ankara
     ISSN: 1300-0152
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     Isolation of a flax pectin methylesterase promoter and its
     expression in transgenic tobacco
ΑU
     Roger, D.; Lacoux, J.; Lamblin, F.; Gaillet, D.; Dauchel, H.; Klein, D.;
     Balange, A. P.; David, A.; Laine, E.
CS
     Laboratoire de Biotechnologie et Physiologie Vegetales, UFR Sciences, 33
     rue Saint-Leu, 80039 Amiens Cedex, France.
SO
     Plant Science, (2001) Vol. 160, No. 4, pp. 713-721. 35 ref.
     Publisher: Elsevier Science Ltd. Oxford
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     2000:911450 CAPLUS
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     134:67166
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traits using a single transformation event and for production of
     polyhydroxyalkanoates
     Aquin, Stephanie; Peoples, Oliver P.; Snell, Kristi D.
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             ALL CITATIONS AVAILABLE IN THE RE FORMAT
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    1999:286099 CAPLUS
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    130:292448
ΤI
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    Cotton Incorporated, USA
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    PCT Int. Appl., 34 pp.
    CODEN: PIXXD2
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Multi-gene expression constructs for engineering plants with stacked input

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     Plant molecular biology, July 1993. Vol. 22, No. 4. p. 625-633
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